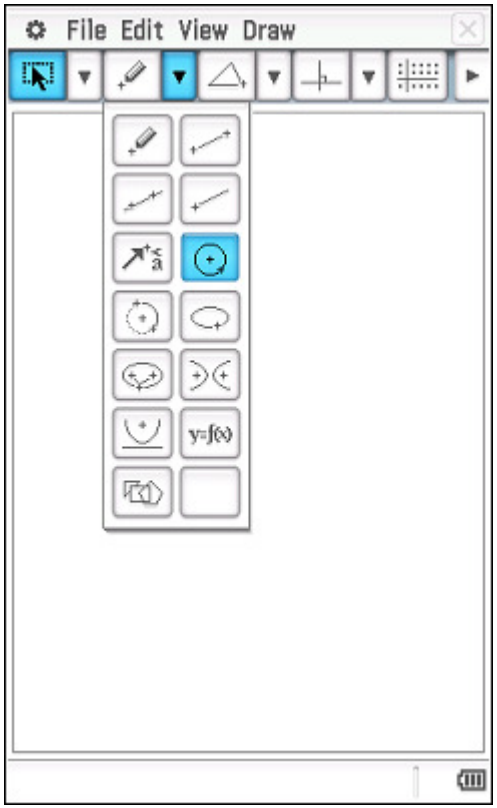
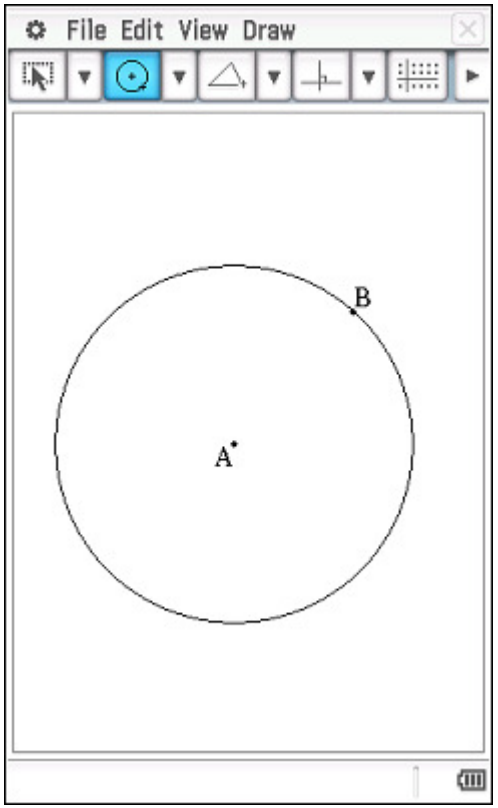
ClassPad II Help Series	Casio Education Australia - supporting Australian teachers	www.casio.edu.shriro.com.au	Author	Charlie Watson
CP744	Cyclic Quadrilaterals		Date	April 2015
			CPII OS	02.00.2000.0000

Start a new file in Geometry.

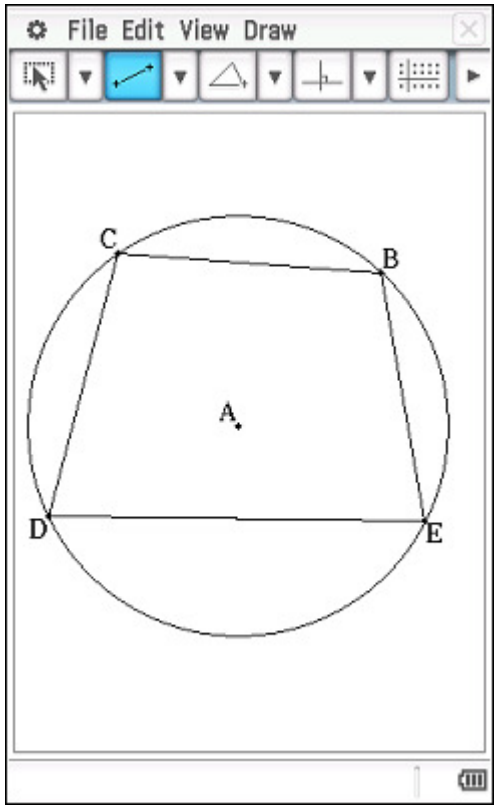
Select the circle tool.



To create a circle, tap once on the screen for the circle centre and then tap again for a point on the circumference.

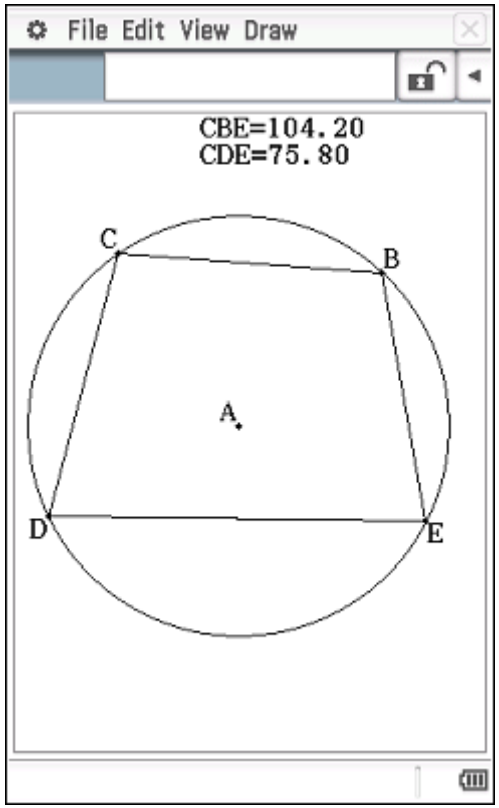


Now use the line segment tool  to draw a cyclic quadrilateral BCDE, making sure all points lie on the circumference of the circle.



Move to the measurement toolbar.

Display the sizes of ∠CBE and ∠CDE, which are opposite angles in this cyclic quadrilateral.



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Observe the size of this pair of opposite angles in the cyclic quadrilateral BCDE, as the vertices B, C, D and E are moved around the circle.

Tap C.

Tap C a second time and drag it around the circumference.

Tap D.

Tap D a second time and drag it around the circumference.

You may wish to enhance this activity using expressions. How to do this for cyclic quadrilaterals is described in the advanced section of this site.